

**ADAPTIVE VARIABLE TRUE TIME DELAY BEAM-FORMING  
SYSTEM AND METHOD**

**ABSTRACT OF THE DISCLOSURE**

System and method for signal processing and beam forming. A system for processing signals includes a first phase shifter, a second phase shifter, a first variable time delay system, and a second variable time delay system. Additionally, the system includes a first signal processing system and a sampling system. Moreover, the system includes a switching system and a measuring system.

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